

SAI KUMAR KOVOURI

Columbia, MO | (860) 987-3485 | skn68@mail.missouri.edu

<http://saikumarkovuri.me/>

www.linkedin.com/in/saikovuri

EDUCATION

Masters (CS) - University of Missouri, Columbia, MO || GPA 3.9

Jan'16 - Dec'17 (Expected)

Bachelors (CS&E) - Osmania University, Hyderabad, India || GPA 3.6

Jun'09 - May'13

PROFESSIONAL EXPERIENCE

Cisco Systems | Software Engineering Intern

San Jose | May'17 – Present

- Built a monitoring tool in python to capture resource utilization in Hadoop cluster.
- Built and performed TPCx-V benchmark test and tuned system to provide better throughput.

Assessment Resource Center | Graduate Research Assistant

Columbia | June'16 – May'17

- Design, develop and deploy scalable, highly available web applications, which have large user utilization.
- Hands on experience in object-oriented, 3-tier web application development using C#, AngularJS, ASP.NET MVC.

NetCracker Technology Solutions | Associate Software Engineer

Hyderabad | June'13 - Dec'15

- Developed AT&T Card Account Manager Web application using Java/J2EE and Struts framework.
- Implemented shell scripts to interact with Database and automate production tasks.
- Resolved more than 30 system critical issues during migration of CAM servers from Convergys to NetCracker.
- Performed regression and system level testing before every release to verify application quality and functionality.
- Designed and developed an Implementation Plan Tool, which saved 150 IT hours annually.
- Developed an automated tool that sends RSS feeds to the whole team, which keeps track of ongoing technology

SKILLS

- Java/J2EE, C#, C++, Python, Matlab, ASP.NET, Android, EJB, JSF, Struts, UNIX, Shell Scripting.
- AngularJS, JavaScript, JSP, PHP, Laravel, JQuery, HTML5, CSS, Bootstrap, SQL/PLSQL, MongoDB.
- MySQL, SQL Server, Oracle 11g, AWS, TFS, SVN, Git, Visual Studio, Eclipse, NetBeans.

PROJECTS

- Implemented Software Defined Network to stream video intelligently using Openflow controller, which changes the network path from the server to the client based on client feedback.
- Trained Support Vector Machine to classify various cancer types. Determined the confidence level for each cancer type based on microarray data using SVM Classifier.
- Analysis and Prediction of Socio-Economic trends in Movie Industry. Performed data preparation techniques and built statistical models such as decision tree and multiple regression.
- Designed and developed an Android app, which aimed at finding the possible ways to measure visual acuity errors.
- Developed an Android application at HackMizzou, which gives a complex algebraic expression to solve.
- Developed Instant Messenger with RSA encryption, a Java-based application that provides secure instant messaging.

ACHIEVEMENTS

- Won Spotlight Excellence Employee award for best performance at NetCracker.
- Certified by EMC2 on Information Storage Associate Version 2.
- Cleared proficient level certification in UNIX and Shell scripting.
- Activities: Member of Mizzou Computing Association, Badminton Club, Treasurer at Cultural Association of India